Index of Claims

Application/Control No.
Application/Control No.
Application/Control No.
Application/Control No.
Application/Control No.
Application/Control No.

10/673,897
Examiner
Art Unit No.
Application/Control No.
App

Applicant(s)/Patent under
Reexamination
HOLTON, ROBERT A.
Art Unit

| <b>√</b> | Rejected | _ | (Through numeral)<br>Cancelled | N | Non-Elected  | A | Appeal   |  |  |
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| =        | Allowed  | ÷ | Restricted                     |   | Interference | 0 | Objected |  |  |
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| Cla       | Claim Date |          |          | 1              | Cla      | im        | Date     |              |           |    |        | CI       | aim      | Date     |                 |          |          |                   |              |                    |  |       |          |            |                 |          |          |                 |          |          |                   |                |          |
|-----------|------------|----------|----------|----------------|----------|-----------|----------|--------------|-----------|----|--------|----------|----------|----------|-----------------|----------|----------|-------------------|--------------|--------------------|--|-------|----------|------------|-----------------|----------|----------|-----------------|----------|----------|-------------------|----------------|----------|
|           |            |          |          |                |          |           |          |              |           |    |        |          | =        |          |                 |          | Ĭ        | Ī                 | Т            | T                  |  |       |          |            |                 |          |          |                 |          |          | П                 | $\Box$         | П        |
| Final     | Original   | 050205   |          |                |          |           |          |              |           |    |        | Final    | Original |          |                 |          |          |                   |              |                    |  |       | Final    | Original   |                 |          |          |                 |          |          | il                | - 1            |          |
| iĒ        | Ĕ          | 920      |          |                |          |           |          |              |           |    |        | 這        | į        |          |                 |          |          |                   | Ì            |                    | İ  |       | 這        | Ĕ          |                 |          |          |                 |          |          |                   | ı              | .        |
|           |            |          |          |                |          |           |          |              |           |    |        |          |          |          |                 |          |          |                   |              |                    |  |       |          | ١٠         |                 |          |          |                 |          |          |                   | - 1            |          |
|           | 1          | ٧        |          |                |          |           |          |              |           |    |        |          | 51       |          |                 |          |          |                   |              |                    | 1  |       |          | 101        |                 |          |          |                 |          |          |                   | $\Box$         |          |
|           | 2          | ٧        |          | į              |          |           |          |              |           |    |        |          | 52       |          |                 |          |          |                   |              |                    |  |       |          | 102        |                 | •        |          |                 |          |          |                   | $\Box$         | П        |
|           | 3          | ٧        |          |                |          |           |          |              |           |    |        |          | 53       |          |                 |          |          |                   |              |                    |  |       |          | 103        |                 |          |          |                 |          |          |                   | $\Box$         |          |
| L         | 4          | ٧        |          |                |          |           |          |              |           |    |        |          | 54       | $\Box$   |                 |          |          |                   |              |                    |  |       |          | 104        |                 |          |          |                 |          |          |                   |                |          |
|           | 5          | ٧        |          |                |          |           |          |              |           |    |        |          | 55       | Ш        | Ш               |          | $\perp$  |                   |              |                    |  |       |          | 105        |                 |          |          |                 |          |          |                   |                |          |
|           | 6          | ٧        |          | _              | $\Box$   | $\Box$    |          |              |           |    |        |          | 56       |          |                 |          |          |                   |              | L                  | <u> </u>   |       |          | 106        | Ш               | $\Box$   |          |                 |          |          |                   |                |          |
|           | 7          | <b>v</b> |          | _              |          |           |          | <u> </u>     | Ш         |    |        |          | 57       |          | Ш               |          | _        |                   | $\perp$      | $\perp$            |  |       |          | 107        | Ш               |          |          |                 |          |          | Ш                 |                |          |
|           | 8          | ٧        |          |                |          |           |          |              | Ш         |    |        |          | 58       | Ш        | Ш               |          | _        | _                 | $\perp$      | $\perp$            |  |       |          | 108        | Ш               |          |          |                 |          |          | Ш                 |                | Ш        |
|           | 9          |          |          | $\dashv$       |          | _         | _        |              | Ш         |    |        |          | 59       |          | Ц               | _        | _        | _                 | _            | _                  | $\bot$   |       |          | 109        | Ш               |          |          |                 |          | Ш        | Ш                 | _              | $\Box$   |
| <u> </u>  | 10         | Ш        |          | _              | _        | _         |          |              | Ш         |    |        |          | 60       |          |                 | _        | _        | _                 | 4            | $\bot$             | _  |       |          | 110        | Ш               |          |          |                 |          |          | Ш                 |                | _        |
| <u> </u>  | 11         | Н        | _        | _              | $\dashv$ | 4         |          | $\vdash$     | Щ         |    |        |          | 61       | <u> </u> | $\sqcup$        | _        | _        | _                 | _            | $\perp$            | ╁  |       |          | 111        | Щ               |          |          | <u> </u>        |          | Ш        | $\sqcup$          | _              | Щ        |
| <b></b> - | 12         | Н        | _        |                |          | $\square$ |          | $\vdash$     | Н         |    |        |          | 62       | Н        | -               | _        | _        | $\dashv$          | $\perp$      | $\bot$             | 4  |       |          | 112        | Ш               |          |          |                 |          | Щ        | $\sqcup$          | _              | $\perp$  |
| <u> </u>  | 13         | Н        |          | _{             | $\dashv$ | $\dashv$  | _        | <u> </u>     | $\vdash$  |    |        |          | 63       | Н        | $\vdash \vdash$ | _        | 4        | -                 | -            | +                  | _  |       |          | 113        | Ш               | <u> </u> |          | Ш               |          | Ш        |                   | _              | $\perp$  |
|           | 14         |          | $\dashv$ |                | $\dashv$ |           | _        | <u> </u>     | Н         |    |        |          | 64       | $\vdash$ | $\sqcup$        |          |          | $\dashv$          | 4            | +                  | +  |       |          | 114        | $\sqcup$        |          |          |                 | Ш        |          | $\dashv$          | _              | $\dashv$ |
|           | 15         |          | $\dashv$ | -              | $\dashv$ |           |          | <del> </del> | Н         |    |        | <u> </u> | 65       | $\vdash$ | $\square$       |          | -        | $\dashv$          |              | -                  | +  |       | <u> </u> | 115        | $\sqcup$        |          |          | $\vdash \vdash$ |          |          |                   | 4              | $\dashv$ |
|           | 16<br>17   |          | $\dashv$ | $\dashv$       | $\dashv$ |           | -        | -            | Н         |    |        |          | 66       | $\vdash$ | $\vdash \vdash$ |          | -        | $\dashv$          |              | +                  | +  |       |          | 116        | $\vdash \vdash$ |          |          | -               |          | -        | $\dashv$          | $\dashv$       | $\dashv$ |
| <u> </u>  | 18         | $\vdash$ | $\dashv$ | $\dashv$       |          | $\dashv$  |          |              | Н         |    |        |          | 67<br>68 | Н        | $\dashv$        | -        | -+       | $\dashv$          | -            | +                  | +  |       |          | 117        | $\vdash \vdash$ | $\dashv$ | _        |                 |          |          | $\dashv$          | _              | $\dashv$ |
|           | 19         | _        | $\dashv$ | -              | -1       | $\dashv$  | -        |              |           |    |        |          |          | -        | $\dashv$        | $\dashv$ | $\dashv$ | $\dashv$          | +            | +                  | +  |       |          | 118        | H               | $\dashv$ |          |                 |          |          | $\dashv$          | $\dashv$       | $\dashv$ |
| -         | 20         |          | -        |                | $\dashv$ | $\dashv$  | $\dashv$ |              | Н         |    |        |          | 69<br>70 | Н        | $\dashv$        | -        | $\dashv$ | -+                | -            | ┰                  | +  |       |          | 119        | Н               | -        | -        |                 | -        |          |                   | $\dashv$       | $\dashv$ |
|           | 21         |          | $\dashv$ |                | -        | $\dashv$  | -        |              | Н         |    |        |          | 71       | Н        | $\dashv$        |          | -        | +                 | +            | +-                 | +  |       |          | 120        | Н               | $\dashv$ | -        |                 |          | -        | $\dashv$          | $\dashv$       | -        |
|           | 22         |          | $\dashv$ | $\dashv$       | $\dashv$ | -         | -        |              | Н         |    |        |          | 72       | Н        |                 |          | -        | $\dashv$          | +            | +-                 | +  |       |          | 121        | Н               | $\dashv$ | -        |                 |          | -        | -                 | $\dashv$       | $\dashv$ |
| _         | 23         | -        | -        | -              | -        |           | -        |              | Н         |    |        |          | 73       | Н        | $\dashv$        | $\dashv$ | -        | $\dashv$          | +            | +                  | +  |       |          | 122<br>123 | $\vdash$        | $\dashv$ | _        |                 |          |          | -                 | -              | $\dashv$ |
|           | 24         | $\vdash$ | -        | $\dashv$       | $\dashv$ | $\dashv$  |          |              | Н         |    |        |          | 74       | Н        | $\dashv$        | -        |          | $\dashv$          | +            | +                  | +  |       |          | 124        | $\vdash$        | -        | _        |                 |          |          | -                 | $\dashv$       | $\dashv$ |
|           | 25         | -        | $\dashv$ | $\dashv$       | _        | $\dashv$  | -        | _            |           |    |        |          | 75       | Н        | $\dashv$        | $\dashv$ | -        | $\dashv$          | +            | +                  | +  |       |          | 125        |                 |          |          | $\dashv$        | $\dashv$ | $\dashv$ |                   | $\dashv$       | $\dashv$ |
|           | 26         | _        | ┪        | 1              | i        | $\dashv$  | -        |              |           | _  |        |          | 76       | Н        | $\dashv$        |          | $\dashv$ | -                 | +            | +-                 | +  |       |          | 126        | $\dashv$        | _        |          | $\dashv$        | -        | -        | $\dashv$          | $\dashv$       | $\dashv$ |
|           | 27         |          | 寸        | $\dashv$       |          | $\dashv$  | $\dashv$ |              |           |    |        |          | 77       |          | -               | $\dashv$ | $\dashv$ | $\dashv$          | +            | +                  | +  |       |          | 127        | H               | -        |          |                 |          |          | $\dashv$          | $\dashv$       | $\dashv$ |
|           | 28         |          | 1        |                | 一        | $\dashv$  |          |              |           |    |        |          | 78       | Н        |                 | _        | $\dashv$ | _                 | +            | +                  | +  |       |          | 128        | $\vdash$        | -        | -        | -               |          | $\dashv$ | $\dashv$          | $\dashv$       | -        |
|           | 29         |          | _        | 7              | _        |           |          |              | $\vdash$  |    |        |          | 79       |          |                 | _        | 7        | 十                 | +            | +                  | +  |       |          | 129        | $\vdash$        | $\dashv$ |          | $\dashv$        | $\dashv$ | _        | $\dashv$          | $\dashv$       | $\dashv$ |
|           | 30         |          | 寸        | $\neg$         |          | T         |          |              |           |    |        |          | 80       | Н        |                 | 寸        | 十        | 7                 | +            | +                  | 1  |       |          | 130        | $\dashv$        | _        | $\dashv$ | $\dashv$        | 一        |          | $\dashv$          | $\dashv$       | $\dashv$ |
|           | 31         |          | T        | $\neg \dagger$ | 寸        | 寸         |          |              |           |    |        |          | 81       | Н        | $\neg$          | 寸        | +        | 十                 | $\top$       | 十                  |  |       |          | 131        | $\dashv$        | _        |          | $\dashv$        | $\dashv$ |          | $\dashv$          | $\neg \dagger$ | $\dashv$ |
|           | 32         |          | 寸        | $\dashv$       | $\dashv$ | T         |          |              |           |    |        |          | 82       | П        |                 | 一        | 1        | $\dashv$          | $\top$       | $\top$             | 1  |       | -        | 132        | $\vdash$        | $\dashv$ |          | 一               |          | 一        | $\dashv$          | 十              | ᅱ        |
|           | 33         |          |          |                |          |           |          |              |           |    |        |          | 83       |          |                 | 一        | 7        | $\neg$            | $\top$       | 1.                 |  |       |          | 133        | $\Box$          | $\neg$   |          | 一               | $\neg$   |          | $\dashv$          | $\neg$ †       | $\dashv$ |
|           | 34         |          |          |                |          |           |          |              |           |    |        |          | 84       |          |                 |          | 1        | 丁                 | $\top$       | $\top$             | $\top$   |       |          | 134        | $\dashv$        | $\neg$   |          |                 |          |          | 一                 | 寸              | $\neg$   |
|           | 35         |          |          | $\Box$         |          |           |          |              |           |    |        |          | 85       |          |                 |          | $\Box$   | $\Box$            |              |                    |  |       |          | 135        |                 |          | $\Box$   | 寸               |          | 一        | $\exists$         | ヿ              | $\neg$   |
|           | 36         |          |          | $\Box$         | J        |           |          |              |           |    |        |          | 86       |          |                 |          |          |                   |              |                    |  |       |          | 136        | $\Box$          | ヿ        | $\dashv$ | 寸               |          | 一        | ヿ                 | ヿ              | $\neg$   |
|           | 37         |          |          | $\Box$         |          | $\Box$    |          |              |           |    |        |          | 87       |          |                 |          |          | $\Box$            | T            | $oxed{\mathbb{I}}$ |  |       |          | 137        |                 |          |          |                 |          |          | $\dashv$          | ヿ              | $\neg$   |
|           | 38         |          |          |                |          | $\Box$    | $\Box$   |              |           |    |        |          | 88       |          |                 |          |          |                   | $oxed{\Box}$ | I                  |  |       |          | 138        |                 |          |          |                 | 1        |          |                   | 丁              |          |
|           | 39         |          | [        | [              |          |           |          |              | $\coprod$ |    |        |          | 89       |          |                 |          | $\Box$   | $oldsymbol{\bot}$ |              | $\perp$            |  |       |          | 139        |                 |          |          |                 |          |          |                   |                |          |
|           | 40         |          |          | [              | [        | _[        | _[       |              |           |    |        |          | 90       |          |                 |          | $\Box$   | $\perp$           |              |                    |  |       |          | 140        |                 |          |          |                 |          |          |                   |                |          |
|           | 41         |          |          |                | _        |           | _        |              | $\Box$    |    |        | ]        | 91       | Ш        | [               |          | $\perp$  |                   |              | $\perp$            |  |       |          | 141        | $\Box$          |          |          |                 |          |          | $\Box$            |                |          |
|           | 42         |          | _        | _              |          | _         |          |              | Ш         |    |        |          | 92       | Ш        |                 | _[       | [        |                   | $\perp$      | L                  | $oldsymbol{ol}}}}}}}}}}}}}}}}}}}}}}$ |       |          | 142        |                 | $\Box$   |          |                 | $\Box$   |          | $oldsymbol{\bot}$ | $oxed{\bot}$   |          |
|           | 43         | _        | _        |                | _ļ       | _         | _        |              |           |    |        |          | 93       | Щ        | _ļ              |          | $\dashv$ | $\perp$           | $\perp$      | $\perp$            | Ш  |       |          | 143        |                 | $\bot$   | ]        | $\perp$         | [        | I        | [                 | $\bot$         | $\Box$   |
|           | 44         | _        |          | 4              |          | _         | _        | ļ            |           |    |        |          | 94       | Ш        | ļ               |          | _        | $\perp$           | $\perp$      | 4                  | Ш  |       |          | 144        |                 | [        |          | $\Box$          |          | $\Box$   | $\Box$            | $\prod$        | $\Box$   |
|           | 45         | _        | _        | $\dashv$       | _        | 4         | _        | _            |           | ., |        |          | 95       |          | _               |          |          | $\bot$            | $\perp$      | $\bot$             | $\perp \downarrow$   |       |          | 145        |                 |          | _        | _               |          | $\sqcup$ | $\dashv$          | _              | $\sqcup$ |
|           | 46         | _        | 4        | _              | _        | -         | _        |              | $\dashv$  | _  |        |          | 96       | Щ        | _               | _        | _        | $\perp$           | $\perp$      | 4-                 | $\bot$   |       |          | 146        | _               | _        |          | ļ               |          |          |                   |                | $\Box$   |
|           | 47         |          | _        | 4              | _        | _         | 4        | _            | $\dashv$  | _  |        |          | 97       |          | _               | _        | $\perp$  | 4                 | $\perp$      | $\perp$            | $\perp$  |       |          | 147        | _               | _        | _        |                 | ļ        |          | ightharpoonup     | $\dashv$       | $\perp$  |
|           | 48         |          | $\dashv$ | -              | $\dashv$ | $\dashv$  | $\dashv$ |              | $\dashv$  | _  |        |          | 98       | _        | _               | 4        | 4        | 4                 | +            | +                  | $\sqcup$   |       |          | 148        | _               |          | _        | _               | _        |          | _                 | _              | 4        |
|           | 49         |          | 4        | +              | -        | $\dashv$  | $\dashv$ | _            | -         | 4  |        |          | 99       | _        | _1              | _        | $\perp$  | 4                 | $\bot$       | +                  | $\downarrow \downarrow \downarrow$   |       |          | 149        | 4               | _        | _        | _               |          | 4        | _                 | _              | _        |
|           | 50         |          |          | Ц.             |          |           | i        |              |           | ,  | :::::[ |          | 100      |          | i               |          | L        | ᆚ                 |              |                    | Ш  | ::::: |          | 150        |                 |          |          |                 |          |          |                   | $\perp$        |          |